

# Oren Z Kraus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5424618/publications.pdf>

Version: 2024-02-01

9  
papers

3,361  
citations

1163117

8  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

5560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Biology Through Puzzle-solving: Unbiased Automatic Understanding of Microscopy Images with Self-supervised Learning. <i>Microscopy and Microanalysis</i> , 2020, 26, 690-692.	0.4	0
2	Learning unsupervised feature representations for single cell microscopy images with paired cell inpainting. <i>PLoS Computational Biology</i> , 2019, 15, e1007348.	3.2	69
3	Integrating images from multiple microscopy screens reveals diverse patterns of change in the subcellular localization of proteins. <i>ELife</i> , 2018, 7, .	6.0	24
4	Automated analysis of high-content microscopy data with deep learning. <i>Molecular Systems Biology</i> , 2017, 13, 924.	7.2	220
5	Machine learning and computer vision approaches for phenotypic profiling. <i>Journal of Cell Biology</i> , 2017, 216, 65-71.	5.2	130
6	Data-analysis strategies for image-based cell profiling. <i>Nature Methods</i> , 2017, 14, 849-863.	19.0	535
7	Diagnostic Assessment of Deep Learning Algorithms for Detection of Lymph Node Metastases in Women With Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2199.	7.4	2,003
8	Classifying and segmenting microscopy images with deep multiple instance learning. <i>Bioinformatics</i> , 2016, 32, i52-i59.	4.1	336
9	Computer vision for high content screening. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 102-109.	5.2	40